



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/634,397
(Use several sheets if necessary)		Filing Date	August 5, 2003
		First Name Inventor	Andres, et al.
Sheet 1 of 3		Attorney Docket Number	21334

AK 1633

U.S. PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	
		Number	Kind Code ² (if known)				
SDP	A1	4,399,216			Axel, et al.	08/16/1983	
FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ³
		Office ⁴	Number ⁴	Kind Code ⁵ (if known)			
SDP	B1		EP 1192856		SmithKline Beecham Corp.	04/03/2002	
↓	B2		WO 00/63427		DEVGEN NV	10/26/2000	
↓	B3		WO 01/88532		DEVGEN NV	11/22/2001	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ³
SDP	C1	Mombaerts, P. (2001) Annu. Rev. Genomics Hum. Genet, 2, pgs. 493-510			
	✓C2	Lindemann, Nature Vol. 413, pgs. 219-225 (2001)			
	✓C3	Heck et al., Science, Vol. 223, pgs. 403-405 (1984)			
	✓C4	Kinnamon et al., Proc. Natl. Acad. Sci. USA Vol. 85, pgs. 7023-7027 (1988)			
	✓C5	Chaudhari & Roper, Ann. NY Acad. Sci. Vol. 855, pgs. 398-406 (1998)			
	✓C6	Wong et al., Nature Vol. 381, pgs. 796-800 (1996)			
	✓C7	Chaudhari et al., Nat. Neurosci. Vol. 3, pgs. 113-119 (2000)			
	✓C8	Max et al., Nat. Genet. Vol. 28, pgs. 58-63 (2001)			
	✓C9	Montmayeur et al., Nat. Neurosci. Vol. 4 pgs. 492-498 (2001)			
	✓C10	Nelson et al., Cell, Vol. 106, pgs. 381-390 (2001)			
	✓C11	Sainz et al., J. Neurochem. Vol. 77, pgs. 896-903 (2001)			
	✓C12	Nelson et al., Nature, Vol. 416, pgs. 199-202 (2002)			
	✓C13	Adler et al., Cell, Vol. 100, pgs. 693-702 (2000)			
	✓C14	Chandrashekar et al., Cell, Vol. 100, pgs. 703-711 (2000)			
	✓C15	Matsunami et al., Nature, Vol. 404, pgs. 601-604 (2000)			
	✓C16	Caicedo & Roper (2001) Science Vol. 291, pgs. 1557-1560			
	✓C17	Mombaerts, Science, Vol. 286, pgs. 707-711 (1999)			
	✓C18	Buck, Cell, Vol. 100, pgs. 611-618 (2000)			
	✓C19	Rodriguez et al. (2000) Nature Genetics Vol. 26, pgs. 18-19			
↓	✓C20	Buck L. & Axel, R. (1991) Cell, Vol. 65, pgs. 175-187			
	✓C21	Raming K. et al. (1993) Nature, Vol. 361, pgs. 353-356			

incomplete citations
Do not print on patent

Examiner Signature	<i>Scott D. Priole</i>	Date Considered	11/30/05
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SDP	C22	Krautwurst, D. et al. (1998) Cell, Vol. 95, pgs. 917-926	
	C23	Wetzel, C. H. et al. (1999) J. Neurosci. Vol. 19, pgs. 7426-7433	
	C24	Gimelbrant, A. et al. (2001) J. Biol. Chem. Vol. 276, pgs. 7285-7290	
	C25	Murrell, J. R. et al. (1999) J. Neurosci. Vol. 19, pgs. 8260-8270	
	C26	McClintock, T. S., et al. (1997) Mol. Brain Res. Vol. 48, pgs. 270-278	
	C27	Gimelbrant, A. et al. (1999) J. Neuro. Chem. Vol. 72, pgs. 2301-2311	
	C28	Mori, I. (1999) Annu. Rev. Genet. Vol. 33, pgs. 399-422	
	C29	Riddle, C. Science Vol. 282, pgs. 2012-2018 (1998)	
	C30	Sulston, W. B. (ed) The Nematode <i>Caenorhabditis elegans</i> , Cold Spring Harbor Lab Press, Cold Spring Harbor NY pgs. 123-155 (1988)	
	C31	Goldberg, et al. (1996) Cell, Vol. 84, pgs. 875-887	
	C32	Roayaie K. et al. (1998) Neuron Vol. 20, pgs. 55-67	
	C33	Gibson, A. D. et al. (2000) Annu. Rev. Neurosci. Vol. 23, pgs. 417-439	
	C34	Wellerdieck, et al. (1997) Chem. Senses Vol. 22, pgs. 467-476	
	C35	Zhang Y, et al. (1997) Proc. Natl. Acad. Sci. USA Vol. 94, pgs. 12162-12167	
	C36	Dwyer, N. D. et al. (1998) Cell, Vol. 93, pgs. 455-466	
	C37	Berke, J. D. et al. (2001) Neuron Vol. 32, pgs. 277-287	
	C38	Troemel et al. (1997) Cell, Vol. 91, pgs. 161-169	
	C39	Jansen G. et al. (1999) Nature Genetics Vol. 21 pgs. 414-419	
	C40	Yu, S. et al. PNAS Vol. 94, pgs. 3384-3387 (1997)	
	C41	Troemel, E. R. et al., (1995) Cell Vol. 83, pgs. 207-218	
	C42	Heijne, Nucleic Acids Research Vol. 14, pgs. 4683-4690 (1986)	
	C43	Fire A. et al., Gene Vol. 93, pgs. 189-198 (1990)	
	C44	Mello et al., EMBO J. Vol. 10, pgs. 3959-3970 (1991)	
	C45	Cohen, S. N., Proc. Natl. Acad. Sci. (USA) Vol. 69, pg. 2110-2114 (1972)	
	C46	Mandel et al., J. Mol. Biol. Vol. 53(1), pgs. 159-162 (1970)	
	C47	Graham et al., Virology Vol. 52 pgs. 456-467 (1973)	
	C48	Coqueret, O., Gene Vol. 299, pgs. 35-55 (2002)	
	C49	Praitis et al., Genetics Vol. 157, pgs. 1217-26 (2001)	
	C50	Maduro, Genetics, Vol. 141, pgs. 977-88 (1995)	
	C51	Ellenberg, Trends in Cell Biol. Vol. 9(2) pgs. 52-56 (1999)	
	C52	Chafie et al., Science Vol. 263(5148) pgs. 802-05 (1994)	
	C53	Sheng M., Kim E. (2000) J. Cell. Sci. Vol. 113, pgs. 1851-56	
	C54	Tajima et al. J. of Bioscience & Bioengineering Vol. 91, pgs. 322-324 (2001)	

uncomplete citations
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Justin D. Priole 11/30/05

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SDP	C55	Wicks et al., Developmental Biology Vol. 221 pgs. 295-307 (2000)	
	C56	Jansen et al. EMBO J. Vol. 21, pgs. 986-994 (2002)	
	C57	Venette et al. (1998) Soil Biology & Biochemistry Vol. 30, pgs. 949-960	
	C58	Cesareni et al. Comb. Chem. High Throughput Screen. 2(1) pgs. 1-17 (1999)	
	C59	Li et al. (2002) Proc. Natl. Acad. Sci. USA 99 pgs. 4692-4696	
	C60	Brenner, Genetics Vol. 77 pgs. 71-94 (1974)	
	C61	Bargmann et al., Cell, Vol. 74 pgs. 515-527 (1993)	
	C62	Zhao et al, Science Vol. 279 pgs. 327-342 (1998)	
	C63	Ananeda et al. Nature Neuroscience Vol. 3 No. 12 pgs. 1248-1255 (2000)	
	C64	Bargmann, Chemotoxics and Thermotoxics, In Riddle, Blumenthal, Meyer, and Bress (eds), C. Elegans II, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY pgs. 717-737 (1997)	
Examiner Signature	Scott D. Priebe		DATE CONSIDERED
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